

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
RD-27,856

SERIAL NO.

10/082,728

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
LIST OF ITEMSApplicant  
John E. Hershey et al.

Filing Date

Group

10/082,728  
10/082,728

02/26/03

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE     | NAME      | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|----------|-----------|-------|----------|-------------------------------|
| QG                   | AA 4,641,317    | 02/03/87 | Fullerton |       |          |                               |
|                      | AB              |          |           |       |          |                               |
|                      | AC              |          |           |       |          |                               |
|                      | AD              |          |           |       |          |                               |
|                      | AE              |          |           |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|--|--------------------|------|---------|-------|----------|-----------------------|
|  | AF                 |      |         |       |          |                       |
|  | AG                 |      |         |       |          |                       |
|  | AH                 |      |         |       |          |                       |
|  | AI                 |      |         |       |          |                       |
|  | AJ                 |      |         |       |          |                       |

## OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)

|    |    |   |
|----|----|---|
| QG | AK | "Ultra-Wideband Communications System," HW Tomlinson, Jr.; JE Hershey; RT Hoctor; Welles, II; Serial No. 09/753,443, filed January 3, 2001. |
|    | AL |   |
|    | AM |   |
|    | AN |   |
|    | AO |   |
|    | AP |   |

EXAMINER

DATE CONSIDERED

5/11/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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